

Title (en)

AN APPARATUS AND A METHOD FOR MARSHALLING OUT INDIVIDUAL OBJECTS FROM A ROW OF OBJECTS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM HERAUSLEITEN EINZELNER OBJEKTE AUS EINER REIHE VON OBJEKTEN

Title (fr)

APPAREIL ET PROCEDE PERMETTANT DE FAIRE SORTIR DES OBJETS INDIVIDUELLEMENT D'UNE RANGEE D'OBJETS

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Application

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Abstract (en)

[origin: US7017734B2] The invention relates to an apparatus and a method for marshalling out individual objects (1) from a row of such objects (1). The apparatus includes two pusher arms (8) placed one on each side of the row of objects (1). The apparatus also includes two arrest pins (20, 21) on either side of the row, one front (20) and one rear (21). The apparatus further includes a linkage (13) on each side of the row, axially connected to a pusher arm (8) and interconnected with each other via a spring (14), respectively. The pusher arms (8) are moved, in a closed position, forwards with the aid of a piston and cylinder assembly (19) and, in this movement, marshal out the first object (1) in the row. Thereafter, the pusher arms (8) open in that they enter into abutment against the front arrest pin (20). The linkage (13) ensures that the pusher arms (8) assume an open position. The pusher arms (8) thereafter move backwards in the open position with the aid of the piston and cylinder assembly (19). When the pusher arms (8) enter into abutment against the rear arrest pin (21), they begin to close and the linkages (13) ensure that the pusher arms (8) assume a closed position, whereafter the operational cycle may be repeated.

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